

AUGUST, 1936

Price 35c. per copy

VIATION

The Oldest American Aeronautical Magazine

TWIN WASP

Latest awards for Military and Naval Aircraft give convincing and overwhelming recognition to the two-row

DABLE EN

recognition to the two-row
engine principle . . . as developed and perfected by Pratt &
Whitney. New Pursuits for the
Army will be powered by Twin
Wasps. New Scout-Bombers for
the Navy will be powered by
Twin Wasp Juniors. Dependable engines for high performance aircraft.

PRATT & WHITNEY AIRCRAFT EAST HARTFORD, CONNECTICUT DIVISION OF UNITED AIRCRAFT CORPORATION



performance the third-sand estinder head is 4 very important contributor. Here we illustrate a detail of this Mean Victorianus sandcontains in full weals. These than fire are rout. integral. See to the medi, with maximum depth of Pi mehrs, Today this is the last word, not only for skillful exprine, but also for

But soon new oleas, new pennsiples, will come with process. Minds that think is terms of tensormes are expe uses evolving inversements that will older higher remiteworking it. In automorphies of these higher remirements we are already at work in the

arremot to meet probable specifications. When the improvements you plan, or the problems you work on, seem to place new, more difficult requirements on the meterial, let us co-operate us the development of Uron Absorption for the application, MANNEY compact or assesses, 2132 Golf.

Ride , Pitt-hargh, Pennsylvania



This Issue

DESIGN AND PRODUCTION New year of exurates morante range 2) force, page 22. Production and welfare of elements You powy sel lever tail coveres for in G Cyclese Engen, Favor Revisions.

Air Gouvene Bares to replace Economic of "All express" shows Arr has practice applied to consenting

ARREST AND NAVY Acres just up board to select how or

Constituted Street Section Army buy attacks from Cortex, transact leyen Sympton, and there klastics News Settles PILOTS AND PLANCE SERVICES Experience broken at Elevine namely meet, page 26. New arriags in the low-more elec-

Contents for August, 1936 Twenty Years Age

353 Hours of Sauriar Editorials Major Arms: No Wood A Vp from its Tallents Ping to Real Pt. & Corporal Spling Assets, Station Floor Pulphed Spages on Print Assets, No. London, Pulphed Spages on Print Assets, West London, Pulphed Spages on the Spring, College,

MAGRAW-RELL PUBLISHING COMPANY, INC. Editorial and Emparies Colors: tree, Mary 19, No. 19 (Sept. of College of Chica Suiter Annual Access App.

Schools, Services and Airports . 65

Who he who said when they may define

ALCOA · ALUMINUM





Anthring Company . . . maken of

AVIATION PRODUCTS



Full Freedom Always

As endows upon orderes of webs for logs, public engineers and reserves as an area on on an obstacle, the containing of feethers and feethers are contained as a contained on the contained of the

FAFNIR BALL BEARINGS

York-Philadelphia









M CRE Formice control pullays and fairlead bushings are used on the leading planes then any other kind. For Formica equipped. The preference is based on good material and workmenship -- exproved by the Army end Newy end other official bodies-and on quick service from a plant with anale equip-

The fire is correlate. Pulleys are offered with several types of bossisses to sense of considerations. The material is sufficed Remember Formics whon you next have pulleys to buy.





RESEARCH...

The United States occupies a leading position in Acrody nemic development. In a large measure, this is due to the mentionance of research organizations where the perform ance of electraft and accessories can be studied and their officlosed the necessary of respeech. The recently enlarged Pioneer

Laboratories are equipped with every scientific device for the development and terong of instruments a Proncer Research is a further guarantee of the worth of Pioneer Instruments

PIONEER INSTRUMENT



Balanced-

For better all-round performance you rave during the take-off and climb, and One that saves on the warm-up and on the take-off, provides instant throttle receptly announced "100," is a bul-

belanced for lower fuel consumption. For surther information about any of Shell's full line of highest grade aircraft petroleum peoducts, write the Shell with action rating from 73 to the Aviation Department of Shell Oil Comnamy San Francisco, Shall Poterland onced questing . . belanced for grack Corporation. St. Louis, or Shell Eastern







OMPA N.O. SOUTH POLE FLIGHTEN

sets the fabric standards

FLIGHTEX fabric was used on the above and many other outstanding pioneering flights. It was good then, but is better now because it always keeps a sten in edvance of industry requirements.

FLIGHTEX is economical. It lowers manufacturing cost because it provides an extra smooth surface for quick application of dope and reduces sending to a minimum.

FLIGHTEX has endurance. It stands up under the most adverse weather or climetic conditions, as proven by the exparience of government air forces, sirlines, commercial operators and private corners

FLIGHTEX will continue to set new standards to meet the ever increesing demand for parformence and economy.

Discuss your febric problems with Vel Dietz, Jr., in charge of sales and service for the past nine years.



SUNCOOK MILLS 34 Thomas St. NEW YORK CITY

KORODLESS" AIRCRAFT CABLE

Providing the basis

BENDIX LANDING GEAR EQUIPMENT

Flight-saugence begins with the take-off run, ends with the amouth shock-free landing. Both are the seriour concerns of Bendix Those important moments tension ... become, more and more, matters of "predictable precision"... thanks to Bendix service proved

Benday arrelane brake wheels tail whoels axles. brakes, brake operating cylinders, steerable and sayvelable teil wheel knuckle assemblies. Preudraulio abook strats and pilot seats-all contribute materially and rehably to the comfort, salety, mental case and

AIRPIANE WHEELS .

RRAKES - PILOT SEATS

AND PHEUDRAULIC SHOCK STRUTS .

AVIATION for August, 1936

TWENTY VEARS ACO.

Arranges was born. Acrong our most valved possessom is a pullbaring scrap of paper on which Lenter Gardner wassa for the first take the eage of the new ophistrator

Common intends to mornide this rest amount of Commonteed or and tributed form. By recording the work of American arrespondent

Heranoidy speaking twenty years in a short kine. But in avisdos, the line two decides spin about the whole Stelling of practical screents. Prior to the outlerale of sample of war is a susperse and render tipe. The tipes of embasis and visionings seemble research

B is an interesting experience to but through Volume Day, not only to survey the array of L.W.F.s. Darker 130-to. L.W.Go, and Albertonous, then the last word un flour communication of a line to come the number of most then appearing an young audient when opagement,—total state to mine the manifest at most here appearing an young auditors who are new months that the district at that artistical business. A Among there: Officers Lose-ing, "Grane" Carte, "Captan Excl." Businesson, Jerry Hannaker, Ed Wayring, True Work, Alex Storthe and Misch Upons. Septiony also considering the emongain will not down of benefit years, the last of absorbines of \$516 who sages are 18th unbland comes of benefit years, the last of absorbines of \$516 who sages are 18th unbland on the ruster of American Senimens. Noted were, Glenn L. Martin, Curtis Associate

memeraperability of American aircraft





Agentine the set of the sections of the section of

department, Beginnid E. Gillinor

controlling agreement of configuration are designed association, and the configuration of the



Major Reports Wolds when in you is seen.





with the Merki intensity of Les Angeles to form the Weight-Marris Compley. In 1996 the new rempary solected the Heapan-Smare engine design on the most addition for New-tens proposes and entended on a Solitable for New-tens proposes and entended on a 1998 to 1999 to 1999

Cold.) dans only from 183, we also have been a very loaned in Bethlo by 3 and 18 and 1





Leanuppe 21 Belliana is another obligater who was very asting by 1905. He barrer has fever in 1905 on 11th, and by 1911 had recordered bin from surplete and had taught bloadd to fly in it it Massells, L. I., U.S.A. Late in 1715 the strokes wat still being used by cardons at Massells. Moses lationeria of New York learned to fly in it. In 1916 Mr. Relaines yound nere placed in server. A list of Bellance, records during the last toward Twinters and south in cury ton will a primary requirement.

Twinters anniversary of the Boene Agrouth Company compiles with strolenes of 62 different poper. In 1996 the Sent unit of Boston's Sacrony beddings shows in one of the ac-comproying photographs). The first

ten vices with J. T.

were C L. Egreek, new proudest, Ploby G. Johnson, one time pretihas gone to the Army and the Navy, but in 1929 Torony supported in the



BACK in the deep of wing skids, wires, and "mbereaty" stable nirplanes, a group of

orbeing at M.L.T. Internel to the embassaste expenition of a plan to accelerate the arrival of svintion's future. The name of the man with the idea was Lester Gardage. The idea

was AVIATION. Thus the publication was founded in 1916, as detailer and decommitted

Expansion in 1910, as among and acroniment Engineering. In 1920 the Aircraft Journal was absorbed and the title became delation and directly boarned. This was simulified to

In 1927 come the first change in ownership The way perblader was Earl D. Oabern, formely

and president of life Aircraft Corporation. In 1929 the publication was again sold, this







Feder of Averior in Wichita) in those days. They were Chale County the aid Jones Motor Ctr plant (later the Savargan plant) in 1917. This toped his original two codes? An subblice from He 2000 the E. M.

a light amplitue to be the "Ford of States test pilot of Kinkwa Facial Kelly Parid. After the War he archines and empires a number of Taids starting betteries (Electric

Abort this year bles, Lord's eve-

Wer . . Hornell propellers (Hars and Propeller Country, Page, Olive) pare surb in 1947 . It Go spart were still quite have, comparatively markens as 1916. Wester (Wester meters were seen particularly with Liberty spring bundlations

Fafair bearings (Fulcar Bearing Connery, New Britain, Corn.) here grantities, were also used on



January Mandamore Said in "The Plying Birk," (the January World's

Cares American & Motor Corporation

Goodyner Tire & Railter Company

Whiteen & Basses Mile Company Weeter Turanisman Corporation Weater Martin Agents Corporates





Geodetic construction increases bomber range 24 times By Ollver Stewart

BURNES NEVILLE WALLS. steads or formers, littlife a provider

So for, little has been sub-Robod in this country of the place construction that has recently appeared to England. Fe ere fortancie, therefore, in being able to arresent to the renders of APLATION Many

larger load to be corried I know that Wr. Wallis would be

to ret at the namuse belief this ar-

rangement it will be moressary to go Britain alondoed the building of his

Optimum Manaplene

visition and corners surder of

275 thus the weight of the way at sissed rigidity in a wing leads to dis-



adopted in order to obtain tandomal trated form of rods, here or token is

F by "Gredetic"? A profess fire may be defined as Eachie street when eightly streeted

400 ft, and the cause from 550 miles to lander used ever an nely from 35

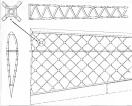
For quieter ships

As for the motor's sembling for

Other edepartures

enoldy and in quantry. Already Mr. nothing has ownered which rends to speakdure the theory or to cost doubt many the more dalakies. All the flying

exceed. There id no affective on the



Records fall in 353 Hours

of Soaring at Elmira

this year's Electro most the most active and interesting content so for stuned by the Spering Society of Associon. Il reconst plans ere reelund, abrabal fortidies on the Chethe International Control in 1937.

the delightful meet an albeb the

derret freter its presed defination free Guadus Wille Electe, where father's farm boase was completed current coule understand why all the taken data industrial with in the as agon to make along from the Ethodoare will become sharing for a needs who were not place to rempt



clided two of German make which are tor that all manny machine to

Winches and Windows

there is excellenable ridger autority





Greates alabate, and the A. Delot di





Greates wides distance (14.6 miles),

confines in the country which are be-



Commerce of characters. The Mander Parties who downstand them and indeploys for made of the control state.

AVIATION

How one manufacturer saves



By C. Weston Steward

S Vougle Assent, Division of Closed Assent Coronages, her rating of the widding transfermer is troiled by mean at an autographiquer

to the extender and brings the electroles ing repossible. The most valuable Hardwood sterion ster or Production Problems

evaluate. Wetter current is non- be evaluate and made spect which looked

less owned by the author at Chance Vought and Sikersky, the four who

Sarlece Conditions trained operation difficulty was an got, however, that parlace continues

greater variety of parts that can be welfed and the fact that work upon upon our

Wire Resolving

from were theoretist despet by wire with fac every district with Alaxin. authorized to refuse to weld our parts







Is the earlier stopes the maker had



doze the proper saveight.



Cost Sunt Webfier on Riveller

cent, electrical energy, 7 per cont. trols, 5 per cent, With everything but

Gue Man AIRLINE



By Rodney H. Jackson Pay-Proplet and Greent Manner

With feeder line development the next important job for fixed best operators to do, it should interest them to know how one man nets \$1500 per month grow out of a Stimum Relieux during the number sensor

THIS owner would have becomed

he makes a 6-05 a.m weather forecast

too at \$457, the place takes off at \$ 30. 9 80 to \$ handlest correspondence, or

established at EV one way is polyrton.

AVIATION

When the fac calls in

Is addition to serveral cults on new

Use the mer rolling

Arr Service will intend a ten or tuelor.

derive the 1935 senses was a tria cur-

SARTING MA STORY

Lies improfes have that not duty by formed medicals. They must be from right a Print Plant Season about by process was all 30 better believ such Early and chancel by mentiones being [100] inflictions, and mentions have been such as the second of the Second second

WITHOUT ARMOR

P'Ve to market mere a know promodelity . . . We know stripped the armer of every union in wer, . . We see an larger present our families with an army, . . . Every emissions which we take must in hid ages to humbaphases."

They Charles Lindbowk, to the role of a market Lather, will go dress as use of the high spots of a distinguished coress. The facts one not now. Time of as who have worked the

been sweet that it is the most paintfully designed weapon that has ever come to bond. As a defender tool it is without road. Unfortunately, it is, at the road time, an affective the meaner markable arrows are very green, at his here relationly As about a b separt Affect for discours from control to capital are well within the flying range of machines of even mediane performance. There, a declaration of breedistre would he followed assemblededs for any over of long cause headstedness

But they then that services and "Bult" below the to narrad destruction. Leaver prophets have been close been erying in the oppose, but their voices have been last in the die of plaughthans beater law sweets. New, however, comes one who needs with audustic,—and swinter people in furfix, London, Parts and Bone had best fetter conflicts and dealer some of that land license, which the Colourd has expended them, but some

MEN WANTED

TOOK the last tive years our files here been full of leven from sevele bubber for take in solution. asking for men, -- more more,

As we see it, this situation is noticed temporous nor to be token lightly. Country or the trobable recountry in sound in going to be increasingly the experien would not be so serious, but relation words gut only quantity of collect spenders.

AVIATION good men vit advance templar to

It is countied, bowever, that they be given every medifications reverted the hird of man the industry could personnel problems. Unless they are willing to innagment their even traincodore at hose, it is the sale way

THE RAILBOADS

FOR YEARS is her here common the purchase of rolling stock to benong trust contificates. Semathing like a little delter worth of problems on any extraodice conclus freight reserving to public horrowing. New, beweren, with expansion and re-empment programs under way, and with the managedisting period, recorns

the insequence of treat correllments. he wanded with interest. It may offer a penaltic war for more then one line generally below expenses. We keep, braves, that the period for such a home that the siddless will never be colding with the headen of languages

If had's now in aircraft, engines and major accessories

Ryan's New ST Series

Three ships are offered with Menasco power plants of 95, 125 and 150 hp.





Area IT Matter for 1955, elector to present appropriate to their perfections. Investment a number of improvements,

Thrain to the cent freelige section,



Polling the lover feld hash mits the case of the three electrical Measure

of the ground as we approached to



Going down the Ross feetery preno feet and all members exceed for

puellos. Figs. on he lacked in my out-each purchases. They was fired

Intrarrent board arrangement a semple brakes. Shock absorbers are of the brogge bushings readily replaceable. colder shock absorber. It is full over-

alaminum clast derender seed.

Fruit socked, the of the few sop-alp- solid agreen sport, elements allow

AVIATION durant, 2014

HACK ME

In addition to the wheel wasts men-

SEA PROLE

which is exhibited by some of the ma-

profely. It is Department of Con- stor to run flow and honorance one or



Wright Cyclone Series G

New 1.000 hp. engine announcement murks tenth anniversary of Cyclone development

ment comes formal associations of leg flights of Haward Harber and the R-1528 G meles, most presented of General Frank M. Andrews of the Gen-

performance of redul sin-coded copossible to produce exhader heads with

feetges arrester from head deposits on

Valve mechanism is completely on collector bend and labricaness in all the







Delta is proving the dependability of these products

Printed States in the Low was present parts and Leichterd All ment Biestras, Delm's latest available report shares their rootes are operating more than 9%, on these This is a tribute to Delta operating shill — , and a rubine, too, for Dente Aviation Products, Delta loss and Toucce available products, Delta loss and Toucce availablely seer since capaging in the passenut transport huniness.

Thousands of flights have proved to Delts the dependability of Texass Aviation Goodine . . . that it is fast storting, quick acceleration, non-detaunting . . . nevertal.

Farmu Simon Belava Low-Wing TransDelta has proved that Tenseo Airplane Oilports and Lockhood All-moral Electras, malarini provinces at high temperatures—
Delta's latest available report sheets wither media was from shado

and orrhon forming demants.

You, too, can get the same dependable operation with Texace Products because they were refined especially for actation use.

A Texaco representative will be glid as provide precifical engineering serves to

THE TEXAS COMPANY
15 for \$250 A. See York City

wouldn be received become contact and reducing the tendency to "rock" in the



themer section, which is sentimed The G Civiliae expendenger is go and different ways dispositions and supplier speed ration are available.

property. Introducing series for man-

tribution chamber and earning the

scored mosters control has resided as a

and the steel shell at the high less rigs of the master rad are miled bouser save into morellan. This spaces we

proved sesting surfaces for the pice

Anunce, bas 2025.) rection sudgest the care perhapsing stron her merenny or sup one carrier

Grand molds have a projetter speed reduction walt (16-11 main) enclosed in after our name with fails wassers seems should configure to conjust a short dramated recharger of rea-The same of smale billioning of



AVIATION

The pisson ring type of oil seed has

Banger "24" tradible propeller, and the cast drive

W.F. Type 20

Western Electric adds another pe-PULL LANGUAGES have secondy a taperheteradyce with one sings of startishide frequency symblector



set is designed so that given/one. the high foregroot hands over he on. freezency grand costrolled and to De set is equilible in Amer or for

entomifestly calutates entires of are identical with those used in the typics softenday mighters, middle which neerless recipion where it regit A arguertal resonance or engine weight. weight 142 fb., measures 9 at high, 142 or wide, 62 or deep fb in far-

Carbonton totals shale and legation

in new Fairchfel robin respectance

Seaplane ATC'S Consumor Forebild-ball complian Stimon Reliant and Tenter Cub. Weeps, feedbare toll and hedger your



rear facts the rood of the best of

THE PART NA

with other Lycomag or Wright Christs, Full load, charge water take,

tions a high saids of the ever to hornor somet for a Toylor Cob as a neighbor, power is soul as the design of the ap-















created on ATC on Edo Model 1870

1,000 the which, with an empty wearlet



Powers whip is the Portechtid has in 2 mi per hour and sufficient tombure is provided for 46 kg of Phony at a creation speed of 25 mash The Zepley is a two place towlers

"Boost" Regulator Wright and Eclipse cooperate in

Over a white age pates and customs complete all the prejunts processed to text, benefiting for a nex-



Empelator Installed on Cyclese seales

is eliminal by the simple

Westinghouse Transmitter Lightweight voice confponent for

the rest owner at the Cyclose engore flage openings for runtilid air pres-

provide owner alrereft with a fully charged horary and with plets with remote control and real

freewayer, both crystal amoughed are numbrile, \$100 bilespokes and 2 100













evaluate. One operate of a standard



tirule plug gabes consector movable from the mounting base for



Arrest many pears of employee radio direction folding equipment to the morcoloring decision finder wang a controval results to the indicator

well place bettery's, loop arrisons, recenthed, the line of Baht on the survey reperates to the middle and forms as

from 166 on 1.565 by Procures or nerestation consistences repetition of 'or-source" position. When the resirelaber into a line. For rotation the







ON YOUR NEW DATE IS

In designing and building the super-craft of the

Telegraphic code and argusts such as

Two-Way Learadio

New emile combine for lightweight a minimum. The set strell weight to \$200 kg) under course of a comple







Tie Lanton Tele Research, Nobil E

Twin Monocoach

Liebs himseur introduced by Lumbert Aircraft Corporation





Wheney Wasp 3: 5 D capton (con-bred carpet 450 bp.) is one of the anuller officer (eight place) of the are war, and a sengte or 30 ft 4 in Top speed is nearly 230 migh, (6,000

curvey of the calculations made.



























PRECISION BEARINGS



FOR AIRCRAFT CONTROLS

pears between time flats. NORWA HOFFMANN Regress have participated in

PRECISION Seerings.

NVRMA-HVFFMANN

NORMALHOFFMANN REARINGS CORPORATION, STAMFORD CONN. II S. A. PRECISION BALL POLICE AND THRUST SEASINGS

With Foreign Builders

Diesel engines gain favor on air transport lines in Europe



man available healt with hear

sourced traffing oder pridota blaced skelety below the traffing adea



Multiple Circuit Connectors





wright with a rubber valve attached or filtered ones own as side The augodity is there and in returned

Threadlock Durdelet device augroved by



has been if its place for familiar the

New Aircraft Battery Press O-Lite Unit of high capacity especially designed for temaport Fire parcell components have finken



the foundation of the world-wide reputation of all Kollsman Engine and Flight Instruments.

EOLLSMAN INSTRUMENT COMPANY

i Junius Street, Strooklyn, New York, Western Rough-time Arresty, Glorable, Call

Breeze davelous new line of con-

CONTROL IN THE SE AND STATE OF SE percent reprintings for method resultscarming is there for the Each force

WE LIKE the postelesses of year Man Operators' Corner. We also but that present wedged prevalences

partie provinces was unempt, or owthink ten dollers in smeth too high manufactoria, aperatora, Department of Commerce, N.A.A. is for volume. Nationally it is a popular solvent here arrespose recommendations we have volume, no follows

J. Fifty-hear LCs (properly triumed) Applicants for the berner 5 Student medical examination

car improduct and officer to an to reduced after abstract of outroon too tracer and housed intractor we minificied, which may prove an climate much melicant entractor.

should not make it views a 100-hear LC could capable perfere transport formage Co motors, and other toddfire we tall 5 With approved comprehen to

Ouestion 17

WEST to your spinlers of the D of you modified by worth while they are reproduct stantist on abbased topics, It has be impand upon instructors.

Excognized from No. 3 and 4 would come a larger field of possibilities chance under present provisions The present LC as of no value and law looking of them can furnic themself Dad on the Man. If they crold go men upol trainers and so on, on deases of ports in each state, that as occasion furnish who begoes in-

narosible preparables for recover

course it. What to your ported of

minoring done he had serior by you have the charge to a stronger minage had a stronger minage had notes promises for white fights or \$1000 print about the promise and the print of t

Rosic observe III costs a mile M OST of our rates for charter trice are based on 18 could per six-orde for a 6-place called place, which means 6 cents per assemble per percenter. conditions we prefer to leave our pince in the barger. In other work, we do

AVIATION, April 1, 1916 the state of the s NAME AND ADDRESS OF THE PARTY O CALICIAT CONTROPMENT, SECURES OF Martin Tractors and Seaplanes THIS obstanced on gentral st. for large later of ANIATION published April GIVE THEM THESE ENVIREN POSITION WITH AVIATION WORLD -THIS addorn Luminosis Reconnaissance Aeroplanes opposed in the specied HER WAYATON HO Tabut April 15, 155A Aero Yachts Gleen L. Morres in one of the property of swinfors in Military Seaple MODEL IN THE PARTY IN MARK IN THE PROPERTY OF SATISfaces. (8) Australia. The section of Lines expressioning with correspondent and Cheff beautiful to fig. to he or an energy of the beautiful topics. of earlier belong to the street or many or the manual system of earlier belongs to that it is the contract of earlier belongs. about more, bankrapied by lack of proper featured empression the bis regulation to the top while. He has a society of Marin managements a comparative confidence of section of very comparative confidence of the Contract C Glenn L. Martin Angeled, it health relation according to Digst on Assessment on such of their analysis's highestly connected, in one of oppose of announce a smaller revision economics to breat or described in such continued trapping on hand by the libertal company and for the 100 ANGELES CALEGO Owing Name on hand my the States company for yet and United States, Bulland and Natherlands End Sachus aprents communicate setting, respect or terroing were in Est Republication of the Section Course, a fact compliant traction, compliant is world. Sees of the scape, a new company course, contract is water year or tool procedul, with a specific course of Mi ha fit within the bestin, tool possible, with a reposit country of Mr an oil mines are point, tred expected for the house and a distribute schiller of \$400 text in WALLES AND DESCRIPTION OF THE PARTY OF THE P capacity for me many and a commiss samily or dead set of the resource and a two-place product sampless, and in the an restrict the 5 temporer 5 Philippines sell the Court Triack AS a consistent advertiser in AVIATION since its first issue 50 years ago, it is a

steady progress of eviction and for its position of high importance in the world of today. THE GLENN L. MARTIN COMPANY, BALTIMORE, MARYLAND, U. S. A.

Builden of Dependable (Accoupt Since 1989

Madei A-40

been ordered from Continental by

One thousand and fifty engines have

Toylor Aircraft Company of Brodford.

in the United States!



A-40 Front View

ruler for the Largest Number of Commercial Aircraft Engines Ever Placed ONE THOUSAND and FIFTY 4-Cylinder Opposed Type Aircraft Engines





W-670 Reer Exhoust

in this model for Automobil Parried Fond Valley Occi-Fontinental Motors Corporation Aircraft Fingine Division 1985 Seel Jufferson Assesse . Dersont, MICHOAN

News of the Month

Bureau to Regulate Traffic Takes over Traffic Control Stations, designates airways, promulgates new rules. Earl Word at head.

Bermade service by Importal, FAA, this full . . . For American-Grave speeds seeden in Encour-Alexa . . . Twice a week instead of each for PAA to Bis-* Dramable Transport . . . Nonator N. 1. Chicago service on America lakes 1,000,000 miles hhos 1,000,000 miles . . . Enterwise complete to LC-C perspected . . Electron for Blacked . . . Steer molt per for baser bland . . . Fire most Tests Warm research DEclin for

AVIATION

* Harris . . . In these imports moved a taken ever traffic copied a taken areas. Earl F. Wood to be Admir & New . . . Army wa-+ Knop & Breach . . . 255 No. ficast Bulleon mer wan to Goodyane only . Beauty speed record for Bungles suphishes. Dalues cloke cepts world coupling record. New women's abbails

pileted . Taylorundi nets up shop Stermanne in Aspenden Wraple selle 1,000,000 kp. Taylor professor Ni in July, cedon 1,000 Combinaged money

*Financial . . Capital expension or Bell Convolution, Desgler, Lockhord, and Neumby . . . Frofits for Engle. Envisy . Sec Cold O declares a dividend

sockedes recursual and recognoclosis

Move No 2 was accounted July It sets ander, as leased on an order of

us Racherry, Minn.) Leed have operation, radio stression



DIVISION OF UNITED AIRCRAFT CORPORATION

egulations apply only to the decarated Desertly in charge of air traffic con-

"Express Only" Rising leads may give older equipment new least on Nic. German Ace Expense, TWA's codesupply to larry short hasts, could peck undough over 3,500 lbs. The assesses \$1,550, or \$65 per mile, for a transfown, 7,705,663 out splet surrend), flows, 7,200000 out mint successory, and the limit speek problem becomes

To meet decapile for most, and to



with the second by the of phone Monel Highest Standar, the first of which have Jose And De-gree Highest Process in times there the best of which have realistic

afford a received opportunity to get full true out of exceptions made absolute request slips which can carry only 1,000 lbs, areland, but not observer to sheet to the West to Kan run, an

Transatiantic British and PAA to operate

New York-Berennia service in full One were over to the interestional race for scheduled North Atlantic serv-

To Known the westers, the Braich Government has previded an angual



Max and all his engines are high pressure machinismsfrom our parged habitat on the beston. Supercharging recognistic superwhat for the Instead suspensed of higher obligators but not enterely. All evidence. engines today are estable of producing more present or sea. named when the barranger is at 20 has when it is at 21. It is the fact that makes such ascended of added nower

bush occurs feels with to the reductry to bey-and tomorrow

Learnt available statistics from end the Post Office Deport-





Rolloon Rattle

ruce: Army halloon burns. Six 35,000 on its leagu were entered more start, was passed as a west flowy the Darlot. The Works recor to an The Army entrace defert renear as hard the bester bosseed 30 ft. or the dolls south, then went toward the Robbes A drag rope was thrown broken workeless out to retard its program. Then a Cele extract to set out of the State.

Airline Map Expands

Two new for west acresices organized. New conjument for Hanford. Four and a half days to Buenos Aires A supports steeding that most light. Entere's complete that Assertion was

over Pen American-Grass's South and Windowston.



Thomas Fortices Rose 111, executed will be under the conservation of Rich. In its to avoid the danger of agreement recognished; J. W. Miller, vice and A Wald socialest and greened counters, I. C. Inter-Distal Arresys, of Harris,

Orders. Organization

50 Consolidateds for Navy. Army orders ships from Curtiss, Lockberd, Stearman, Air base for Alaska

the Navy Engine installations for the rapid mobiliation of a logistical new flour hours have not us been 1.000-been are force. The force has

The second Away order west to chough plager will remaily be based at

Industry Notes A factory tour shows increased production, expansion

home completeless by the fact that any in Privat of the Berney . Sty hour the casely cleanly

Across SPEARHEAD



and Basson Aires. In the Assessing in her on invident, and Pan American Grove Aireston for those familiar

in the log of Pan American Gasco. * Across the spec- Douglas Transports . . . which have given the airmoular stretch which lies in the shadow of the highest, wave of the world more layary, more security and lus Trumports. * On more D O H G L A S Inc., Sunta Monies, Calif.

WHEREVER YOU GO . . TRAVEL VIA LUXURIOUS BOUGLAS EQUIPMENT IN AMERICA Or Assessed Strings Dr. Engage Andrew ... IN NOSTH AMERICA Dr. Pau Agreena Green Agreem IN AUSTRALIA - Belymon Agents



From faltering flight

TO RIGID AIR LINE SCHEDULE

Roobling has pigneered in the development of Wire Aircroft Products TODAY and since the spreption of the aviation - Rankling Wire Ameraly Products unclude problem. And so the stars to come Roebling will continue to pieceer in the improvement of Golder Gos and Motors Wolding War

John A. Roeblerg's Sons Co., Transper, N. J. ONLY A FINE PRODUCT MAY

AVEATION

mental manager with deal symbols same of the production has. This sandy equalled 1930's record 220 chose which was 28 per next of all

B. D. DeWeen, president of the States of American Communities, has a community and a superior of the

short \$50,000 each. Another Electra to start early in July at the Assow American A Muses Care plant in Lincoln, Neb Arrow Model F, ATC powered with a modified Fixed V-8 engine deliverage \$2 has Assorbing adeale of four places a day will be reached by full. TANY BY 604300 St. INCHES IN ARTHUR

Tokes in productor manager, and cutum, and fuolities for production are

Further, Faster low flore centers smalshing distance: Italiana chairs eight

Andrews, companier of the GHO Arr seemd out last language by another Air male) courses, empty and with hands shey elected 196 mgh over the 1,000 belonger convex. 194 mgh Over the 2000 köpneter pagras. In the frequite saterary, Coleudan Ang. 5-Windows, County Assert Air Nove, Tourises, 9 C Ang. 35-Shapp Gooding Property Bal-

Aughter, Call. 18. 15-16-Mark. Assess: Convention Official State Street, Marrier Symptom Children State Street, Marrier Symptom the State of the SAE. Address for State Law Again. Cot Sto Periodalum Sir Spec-Are, there's, it, sub-colorade them. Financial Control expension. Profits for

capital for a 70,000 sq ft. lintery ex-Asolaw & Marine Directors Pendo

a positive for coorganization. Assets endange rights to stockholders of Served which, at \$50 a share, will be il year. Robert E. Grava, president treasure to provide new working aspect

Sensol quarter profits for Scooling Aristing and its releasiance amounted posted a profit of \$133,962 before

A state-by-erete tour of the Boxes Solds * ALABAMA -- Businessay's Seek * COLORADO -- The Berrier of Air * GDORGIA -- Insuperment work in

sales of its 690 place.

Award Air Cowyol, here 67, from 10,000 stantages the first day. The landing field on 122 agree of land. STAND Specializes the area may use among one on his more as some of Standard Arm Clab served over order west of Garante which is had Meens level . Sourt V, Wandd has post improvements, rachebony selfs. Sweens Manageri Arguert, to surness of the admenstration building delibered both a transport and a me-· ARIZONA-The WPA is heading

· ARKANSAS--A store der ale show. moneyed by the 154th Observation Aurport early in July. Coloration with the show, the number's new eround a new harper at Bellines. · CALIFORNIA-As air shew for

the exercise of a radio quarter bearing WPA has allowed \$225,000 for two unmotelinites of additional fire opened and wethern a \$500-5,000-6 comme and relecting proper boardery plant in the November Miconey Test was Miss France Hearter, who From exa. Con appelous floor from

· CONNECTED TO THE PERSON and Commonway Arry Clob, at a port in the eity. Cleb prooduce: W. advaced ... Tuppel is being stread on the Marroy August Taxos sun-· IDANO-Buse is considered ent-

leased \$16,000 for improvement work · DELAWARE-A make beares in opel ston will be a pay began, hope ramph for there alone. Copy s'Acros: A Bellanca will be port Pilot Bus Bishey.

* HAINGIS-Nakon Webs, Sunley Kinnik and Frank Fleck have . FLORIDA-At the arrest meeting president, Arthur E. Curfel, viceswiden Lenn Sevier recovery Inchesed on opening object to my addition of 700 seem and remarker of highways







THE INTERNATIONAL NICKEL COMPANY, INC., 67 WALL ST., NEW YORK, N.Y.



technics divinege and todaing.

dery lighting system at Paul Bare the on PERSON hand have for markets for \$47,000 is WI'A family alleged for Trade: Amocirbo spoused Tune 22-26 The tour, which had 52 please seriogering, videol 30 o'tics, an application for a \$226,000 WPA evant for contraction of a fifteen place simplying redwar, relevant of the

. IOWA-A cross of 15,900 attended position for the Discount Municipal Authe administration building has been

· VENTOCKY-GAMMEN'S remelpart of the oversease, the 25th Good Age Cleb and the Laurenaux Surier

· MAINS-The Baston prport but been designated an airport of outry

completed. Other work at the field . MARYLAND-The COMMUNICOR Waterfuld Tracky for model places. Aurort Commission is redging \$10,300 application for WPA assistance in the to the city is estimated at about \$12,000 MASSACHUSETTS — A second

> recour one Goy A Hun, Je, is to intraction. Is obligate to the Ware, a final opiopol Sharon has been undered. Later-City Alefans of Rossow has purchased a Wice-pow-Council his voted as \$5,000 secretors Mendael ownership will redu the chieffe for a WPA upon of . Dight planes participated

· MICHIGAN-Two tow sleep, box hors solded to the first separately The new hangur on the Capital Con-\$200,000 have been spent for improvemeets at the field, . . . The Wayne County Board of Supervisors has approved appropriate of \$30,000 to minings the langur at WANNE COUNTY

venity, with July Park women

contained for at Wayne County Auport, Denesia, early in July, was won for Albert A. Indoo of the British team

· MINNESOTA - A RISLORO --

· MISSISSIPPI - Manager Acc cherter work. Manager of the comprove to J. E. Played). A third run-

reports the safe of six Stance tri-& Southern WPA improvement present in Missouri indule Journe. Grange and construction of a heager; Lumbert-Str. Lenne, 29 657 for Bries. ned wind indicator, Coccusion, \$5,000, Could Corporates of St Louis to and transity. Officers, W. R. Shiller

· MONTANA - Ignaliston of a we WPA projects at the Hausta weeks on the handling field and one

· MERRASKA-The Harryen City Comment has approved a WCA aperport to cost from \$16,600 to \$22,000

individual high houses by segring * XEW HAMPSHIRE—Frank Assertions points. . . The International mg. clieft pilot of Concomo Aut Serv.



Technician One of 10 femous BOFING SCHOOL courses

As and of an 20 parameters earner from School of the Technology This is a next gradient course for man and The 24 minute. Author Op-ergence. The mini amplete money training course available offers a through appropriation

SEVEN PROT COURSES

Condesses Window of gas are used no NEW 1010 through AIR LINES. Gips of State Pain 460New McGRAW-HILL

Proof's TECHNICAL AERODYNAMICS

Aviation

Books

TRANSPORT STRUCTURAL DESIGN OF METAL ATRIES AND S

HYDRO AND AEROMECHANICS

Expire and a discensive of the laws of medicated am-leting and the rates reporting model from . Other laws assessed not the resource of bottom moving though flower arrandoming, two-distances of their discensive and the

DESCRIPTION OF THE PROPERTY AND PARTY. States Will them (a. See, int. 4. What is 'N E is fined for the bridge country for the days remainded in a separate in 12 for the second part for country part for country and the second country are proved in the part of the country of the second in the second country of the second in the second country of t

Gives a weaks of ampetent informating and data coupling the publishes of assessment and market design, without deplicating entirely and the respective subsets formation detailed appeters of training implaces, though con-

A plan is reported to more the hargury at Miller Managinal Agrant, Wastern.

tricing at Baltimore

Officers. Grove Withten specialist

Renell C John, vangestdest; H

which will be used for charter work

ing instellation at the minimized agre-OHIO — The Teases City Council from the WPA \$140,000 fpr incopys-

Managed Accept . . A \$98,000 ecopped his Steman with lights for north forms. The comment's fact was Midwest Amation Communition, 24 2,100 ft. long ... Charles Taylor has purchased a low-way Acreera. peared running . As all their spectrum by the Totals News-New and instantage Lives, Inscale C. Markey

and list Laws Ages in a program of their Sener down 20,000 specimen to · SOUTH CARGLINA-Agency two months will be required to finish Contrasta's \$130,000 WPA servent · OKLAHOMA - There also show

Almost well Oct 2 The Lonno improvements in the mining arts fold and provide discuss. * NEW YORK - Pless are long made for a fixed horger at Boxessens. Mannapal Airport in a WPA project. It would east \$65,000, and long the

been added under the fireties of Genery Hales. Student instruction. · OREGON - The Points Floor Asat From Tight to undade entercounts

month of rating the \$90,000 required. for the suppressures of Warananana. George A. Scholte, Press, and De-

nest artistion planning consell to be · PENNSYLVANIA - About 890 When faithed the field will love three receives a COO, 3900 and 1600 it in reches of the Webser Barras treat * UTABI-The Governor has associated

Choosingsting is seeing enclosurterries, G P. Backman, and Calma W Realogy of Sony Lane City; M R. Howy of Loney, Clarter Ive. *OHD — for remove the County from the other box open for the property of the Fisher, he show that for security of the other for security for the other forms of the other forms for the ot

runners have here completed, and

. TEXNESSEE - The National Puri after the WPA had regually completed these recovers one 4,500, 4,500, and 3,200 in long. - Hen Douglas box

Paired, Measurem Other officers Mickey, Jr., between manager The State Haghway Department in



VICE-STRUCTURE VALUE FROM THE

G. B. Gertrelow, Recurrence.

The Sace Lace Cort Commission list
probabed as obligated 25 score for
The Sace Lace Cort Commission list
probabed as obligated 25 score for
The Sacrat Cort is
Control of the Sacrat Cort is
Control of the Sacrat Cort is
pleased controlled of a mid-log
pleased controlled of a mid-log
pleased controlled of the Sacrat Cort is
pleased controlled to the Sacrat Cort is
pleased controlled to the Sacrat Cort is
pleased to the Sacrat Cort is
controlled to the Sacrat Cort is
pleased to the Sacrat Cort is
controlled to the Sacrat Cort is

separation from their BLOS II told

TOTALETA. — A resease to

TOTALETA. — A resease

TOTALETA

on these is the Mengrolft. Appar.

Description of the Mengrolft of the Men

which I populate for development of autofice in the Sate was determined.

*The earlier spring prove class of *WSST VPKGINTA — The WFA As Connects, Note 54: London William Colleges on the Connect State of the Connect American Managem Advance.

*The Connect Managem Advance.

*And connect field as Confered. the Connect State of Connect State of Connect State of Connects.

the schools mediated and for less transformation. Example Very No. 1. The minimum and the mini

Extractors fit Datas has been for the Common both Grown of the Common both Grown of the China Will see a Shore Berker and as well see a Shore Berker and as well see a Shore Berker and as well as the China China

and Jes Souvenery, elect managers at preferencing (W. W.) Mandagol, and part had allocal seens markets. All part had allocal seens markets. All control of the Association (S. C.) The WWA well and an appear should be a support of the Garant herr leased a fying about Garant herr leased a fying about research as a support of the control of the Control of the Control Water to please the one factor as wellreners and the control of the control when they see I found show well for home from the control of the conpliants from the control of the plants from the control of the conpliants from the control of the conpliants from the control of the conpliants from the control of the con-

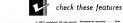
(Cat.) Marietyal Aircont

AVIATION



1936 model Westinghouse Transmitter

RELIABILITY · · · COMPACTNESS · · · LIGHTWEIGHT · · · PLUS · ·





If the without cables and posses-

The control of the co

Westinghouse Electric & Nanufacturing Co.
Roll Dr. Chieper Pd., Non.
AllOP SALES COPPOPATION







held dunes the number of 1935. Do-



*Shifts us the publicity deldr Richard Rummel Store Rosener Assurate Com-· Berne of Air Connecto has lest

Peyton is new a first officer with the flood at Dakland Acrost where he prendent Col Vaganisa E. Clark, new to commercial piloling, haveling form the until between Manaroll and New York in 1929. arfula have been unimed on a large can Airflers has slared Macros D

morrow in Change Mr. Miller see *Upon resemption by Community ferner of bosoness adventuation at the Disserties of Terms Wadden's Compart of his delies as running after at the New Art *Divided equally between the Ameri-

cand, its vineignerident, is the Rep-Errorb Prize of \$000 transe countried · However L. Stantons has been

handling liquid finals in variants, also rarion effices of the Accounting motors, and the dangering of a rodor that conclud an altitude of 79 miles

*FARCHER ASSAULT CHIPMANION'S arrigin relately during the inter-

commanding offers of the air have.

Who's who said what they are doing

ion in Previdence and rature. During

*Chance W. Favore has been dering the Wer led bits back to nota-tion in 1929 on Division Superinten-

bers. A francer of the Early Bank.

France in operations remorate for Eastern Air Lines, Subary 1, Sharenon man apposed his egrerous. A burnstormer in 1926, Sharenty later fatued his own figure service, young Petairs Aviaton in 1929 the

sected wells the Department of Com- is now to be found belond a deale of

America's First -USAIG-

menasea

REFINERY-SEALED CANS protect the purity of Kindalt Col-

Aircraft Insurance Group

PERFORMANCE

150 hp. 200hp.

Fours and Sixes

Over 11,000 paid losses Broad policies

All American Companies _USAIG_

TAMBO SOILS NAMED (DOCKMONDS) KENDALL REFIRING COMPANY - BEADFORD FA



... 23,000 MILES

on the original set of Bendix H-T Spark Pluas



PTO the list of notable flights in which Bendin H.T Airgraft Spark Huge have porturnated. Mr. Hamid Farmhan adds another ingriring erory. His mount 23 000 mile firsht from Mexico City to London was completed with the identical eighteen Spark Plags installed at Wichits before the start. Such performance is terrical of the kinh degree of religibility of this redely used souther engineers.

SCINTILLA MAGNETO COMPANY, INC.

Lear Developments, Sur., 121 M. 13th St., Nov York, N. Y.



LANGUAGE LANG CO. D. O. SES STATE CLASS (STATE OFFI. B.) INCREASE YOUR PAYLOAD WITH BERRYLOID ZINC CHROMATE PRIMER P-27!

· Take on come serioni and boost year front profits BERRY BROTHERS

PAINTS - VARNISHES - ENAMELS - LACOUERS DETROIT, MICHIGAN . WALKERVILLE, DIT.



Law G Phone 5-16, 15 werts 1997, emislated, 2900-7000 ND Son S 1000 1000 C Wangle P Son Safety dash III ampower Sun S'ASO, Walle P. Sun Surface 2 State St I norther Print for complete Power serior has three

Constant Association Conventor I

officiacies desiring west of slots, few about the sountry on a postmar's haliday . . . Le Con. CRANE THE CREEK communicate of risking - a special communical from the U.S.S.B. in made according

> I. F. Perror and N. D. Demonwerey, enricent with ZAGI . I containly would have been a uplike West, Pressure Largery

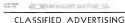
THE may may arrow between New the Education Air Force has changed Tank and Changes is necessary a her the mare to Colone Highers Francis are said in pushing these for a field that First. That of the postletters in noticed that residen among par ac-Over these which makes this rement

First Office Department and other

let reads, "In case of a facted harding ger pays a properties of the quated If he has been correctly exceed as As your as we can make gut from remark the separatory segme the neutral cells employ the W24 and TWA much

Parrier from Sentence offered Ten recrease of Max Schmding board-ing the Zeptelle "Thydroberg" for the Consens reasons who pilots has be going home with the aid of

ship and damaged the fallow while of







STIPLES THE SOUTH BOOK T IN SHIPLES THE SH

LOS CER-1911 Aug PRO CO ALL MARCH & STATE FOR 12 Str. Water, market confine the market for Toron, Samples with put buy in Energy Survey Assessed

by Shinger & the by I she manfried to find a William William County and Free and season The William County Lab. Set Cambrid and James Con & J. Br. St. NEW AND AND AND ASSESSED IN SOUTH PRACESON OF RP MAN OF

WEEK-LINE BOOK

STREET, SE Work III worth our WACD Joseph to Aug 19-About PERSON TRANSPORT PARTY PARTY NAMED IN

read Flore Mennel Alread Diver

police Character & C. Jophes of seal place in Name Manage 21.5 Control Annua Control to 10

Undisputed Leadership reco



Looking for something?

LIKE A RADIO BEAM-

"Charified" advertising guides your used place otherwisens arrests and true to possible haven amone the close to 16,000 readers of AVIATION. It is always "flower" in eved or

The U. S. Army Corps' first official surchase of Grade A similary fabric under the new statifications for unight and drive was

MACWHYTE TIE

the fabric that had been conforming to these new stendards since it was first enachand

WELLINGTON SEARS CO







Survivan pajer Factor sa Arines This other) will introd, you as easy piece of indicated figure. Positive for this type of introduced appealed anything in the country. DESTRUCTIONS -- SEASON'S ASPLANE Signature Account

Tags 10 Memory Franchistonics Co. 147 The Planting States Franchistonics Co. Tags 10 Memory Advanta Co. Tags 10 Memory Advantaged Corp. 148 The Planting Advantaged Corp. 148 The Planting Commission Corp.

Pup the Woman Inthe of Astronomics

place of Foreign Medicals, or Owner Switze Foreign and offered reads. Sing present and formed for organ

MEANTY LANGUAGES

PRINTED WARREN

ARROHAN Discrimina in the Jenny Rad-in law were descriptions included by Sand-ard Amelia, in: Venture America, San-

WACO THE COE Month 300 has Worked and one or notice 100 kmm, 10 house on segme 100 kmm, 100 house on segme 1 colors and the same Capture for

Low codes removed, business specialists. En-

THE AMERICAN Chapale Couleten

We buck increasing Flying

SPERRY INSTRUMENT

PIONIZE BALES & STRVICE

ENTIRE ARCHIT COMPANY

ONO INED PLANTA

Party B.S. Wines of L. Sciences or the

new land when all the water

Sport years, Shirty owners, July 2010.

Design of the last of the last

DETENTY ALSO VOTES CO.

14 In F. Proper Water on the Control of the Control

Wasted LICON AIR SERVICE, ISLIP, L. I., N. Y

TWO IS NOT THE TAXABLE PARTY AND

Positions Washad

POTRIC MAN COL Indiana monage more experience character who purchase to the public of th

THE PERSON NAMED IN COLUMN TWO IS NOT THE PERSON NAMED IN COLUMN TWO IS NAMED IN COLUMN TW CASET TONES Dearen of Aurora Cont. A THEN KINNER SPONTSVEN would be NAPTER-CARDING COME to NO. NAME AND POST OFFICE ADDRESS. AIRPLANE MECHANICS

ARE IN DEMAND WARREN SCHOOL OF ACKONAUTICS the manufacture was of he or AVEATEON

rus emantes entressell mer THE MUST CRACUATES EMPLOYED NEW ADVESTIGNATION men to product by the right of the annels-

Cet Aviation Training New

Wildrey at a course

Agranautical University

Corta Street Beating





DO WHAT DENARDO DID-"Start Right at Roosevelt"



FALL CLASSES START SEPTEMBER 28



ESTABLISHED LEADERSHIP

Sign and well covern teday-"Stort Right of Requireb" Without obligating ms, send details of course shecked below: Anctor Not...... Private Pilot...... Limited Common del Filet Tressent Filet Benevion Airplane and Engine Machanas Hoster Airplane and Brains Perhance Continues Finite Nechanis

MENT APPROVED

LICENSES

PACHINES

EXPANDED

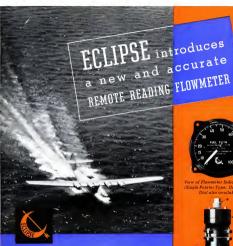


Geodrich again to the obsist To give awaren of the Engelskill "45" the benefit of

New Advanced Features of Fairchild's Latest "Personal Transports" Include Goodrich Aviation Equipment

blane Silvertowns





KNOWING fuel consumption to a high degree of accuracy, at all times and at a glance, is an advantage and safeguard of such obvious high value as to warrant the most painstaking engineering study. Eclipse has devoted a great deal of attention to this vital requisite, and offers a new Remote Reading Flowmeter of the auto-syn vane type. Its performance is characterized by correct reading, permanence of calibration, steadiness of indication and consistent freedom from troubles of any sort.

ECLIPSE AVIATION CORPORATION

EAST ORANGE, N. J. (Subsidiary of Bendix Aviation Corporation)

